

DERWENT-ACC-NO: 1983-26868K

DERWENT-WEEK: 198311

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TITLE: Polymer-concrete mix for decorative finishing
contg.

Portland cement, polyvinyl acetate dispersion,
organo-silicon cpd., filler, pigment and water

INVENTOR: KUZMENKO N Y A; LETUCHAYA N G ; SVETKIN Y U V

PATENT-ASSIGNEE: DNEPR CHEM ENG INST[DNCHR] , DNEPR
DNEPROTYAZHSTROI[DNDNR]

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
SU 925904 B	May 7, 1982	RU

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE SU 925904B December 14, 1979	N/A	1979SU-2853154

ABSTRACTED-PUB-NO: SU 925904 B

BASIC-ABSTRACT:

Addn. of pigment (I) to, and use of polymethyl-siloxane fluid mfr.
waste (II)
or polyethyl-siloxane fluid mfr. waste (III) as the organosilicone
adduct in
the polymer cement mix used for producing decorative finish,
increases its
water and frost-resistance and reduces shrinkage.

The mixt. contains (in wt.%): portland cement 20-60, polyvinyl
acetate
dispersion 1-6, (I) 2-6, (II) or (III) 0.5-12, filler 20-60 and water
the rest.
Here (II) contains (in wt.%): chalk 50-55, polymethyl-siloxane fluid
1-7 and
water the rest, while (III) contains (in wt.%): clay 43-52, activated
charcoal
1-3, polyethyl-siloxane fluid 2.5-15 and water the rest. (6pp)

TITLE-TERMS: POLYMER **CONCRETE** MIX DECORATE FINISH CONTAIN PORTLAND
CEMENT
POLYVINYL ACETATE DISPERSE ORGANO SILICON COMPOUND FILL
PIGMENT
WATER

DERWENT-CLASS: A93 L02

CPI-CODES: A04-F08; A06-A00E; A11-C03; A12-R01; L02-D07B;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0787 1306 2401 2504 2511 2604 2609 2617 2670 3251
3275

Multipunch Codes: 04- 05- 066 067 229 351 38- 397 421 436 475 504 53&
532 533

535 541 542 549 551 556 58& 623 626 688 04- 05- 066 067 229 351 38-
397 421 436

475 504 53& 532 533 535 541 542 549 551 556 58& 623 626 688

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1983-026329